FILE 'HCAPLUS' ENTERED AT 1[illegible]

FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS, CANCERLIT, SCISEARCH' ENTERED AT 1[illegible]

L1	[illegible]	S ANTIBOD###
L2	[illegible]	S PHOTOPHERIN?
L3	806743	S CAVITY
L4	14	S L1 (5A) L2
L5	9	DUP REM L4 (5 DUPLICATES REMOVED)
L6	[illegible]	S LIGHT CHAIN OR FL
L7	4374	S L6 (10A) (SIMILAR OR SAME OR IDENTICAL)
L8	[illegible]	S L1 (P) L7
L9	2676	S L6 (5A) (SIMILAR OR SAME OR IDENTICAL)
L10	693	S L9 (P) L1
L11	4090	S BISPECIFIC OR MULTISPECIFIC
L12	9	S L11 (P) L10
L13	3	DUP REM L12 (6 DUPLICATES REMOVED)
L14	765109	S IDENTICAL
L15	578	S L14 (5A) L6
L16	233	S L15 AND (L1 OR L11)
L17	76	DUP REM L16 (157 DUPLICATES REMOVED)
L18	6	S L15 AND L11
L19	1	DUP REM L18 (5 DUPLICATES REMOVED)

	T	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
			11969	[illegible]		2002/02/08 12:49			0
					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
			424	[illegible]		2002/02/08 12:51			0
					USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
				[illegible]		2002/02/08 12:55			0

T	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
		899/1	[illegible]	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 12:55			0
		1391	[illegible] ("same" or similar or identical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 12:57			0
		332	6 with [illegible]	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:09			0

	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
		1774	bispecific or multispecific	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:08			0
		2	6 with	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:08			0
		438	6 same	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/02/08 13:09			0

	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
				USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
	[illegible]	11	6 [illegible]		2002/02/08 13:19			0
				USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				
	[illegible]	259	[illegible] near5 5		2002/02/08 13:19			0

L11 ANSWER 25 OF 35 MEDLINE DUPLICATE 2
AN [illegible] MEDLINE
IN [illegible] PubMed ID: [illegible]
TI Amino acid sequence of a platelet-binding human anti-DNA monoclonal autoantibody.
AU Lapman S W; Furie B; Schwartz R S; Miller P J; Furie B C
CS Division of Hematology-Oncology, New England Medical Center, Boston, MA 02111.
NC AI1474; (NIAID)
SO BLOOD, (1989 Jul) 74 (1) 262-4.
Journal code: A6G; 7603509. ISSN: 0006-4971.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Abridged Index Medicus Journals; Priority Journals
EM 198908
ED Entered STN: 19900309
Last Updated on STN: 19970203
Entered Medline: 19890830
AB . . . the variable regions of the heavy and light chains of a human IgM
monoclonal platelet-binding autoantibody have been determined. This **antibody**, HF2-1/17, produced by a human x human hybridoma prepared from lymphocytes of a patient with systemic lupus erythematosus and thrombocytopenia,. . . light chain is of the VKI subgroup. The heavy chain is the expression product of the VH26 germline gene. The **light chain** bears significant **homology** to other immunoglobulins of known primary structure, including WEA, GAL, HAU, HK101, and DEE. These results suggest that HF2-1/17 may be an autoantibody derived with little or no modification from germline genes. A model of the **antibody** combining site suggests that arginine 24 and arginine 30 in the light chain (CDR1) interact with a surface defined by. . .
CT Check Tags: Human; Support, U.S. Gov't, P.H.S.
MH Amino Acid Sequence
*Antibodies, Monoclonal: GE, genetics
Base Sequence: GE, genetics
Binding Sites, Antibody
Blood Platelets: IM, immunology
DNA: IM, immunology
Immunoglobulin Variable Region: GE, genetics
Immunoglobulins, Heavy-Chain: GE, genetics
Immunoglobulins,. . .
MI **Antibodies**, Monoclonal ; Base Sequence ; **Binding Sites, Antibody** ; Immunoglobulin Variable Region ; Immunoglobulins, Heavy-Chain ; Immunoglobulins, Light-Chain ;

L11 ANSWER 11 OF 37 MEDLINE PUBLICATION
AN 1998346891 MEDLINE
IN [illegible] PubMed ID: [illegible]
TI Variable domain structure of kappaIV human **light chain** Len: high **homology** to the murine **light chain** McPC603.
AU Huang D H; Chang C H; Ainsworth C; Thiesen S; Fellmer A; Stevens F J; Schiffer M
CS Center for Mechanistic Biology and Biotechnology, Argonne National Laboratory, IL 60439, USA.
NC CA 10056 (NCI)
DK43767 (NIDDK)
CO MOLECULAR IMMUNOLOGY, (1997 Dec) 34 (16-17) 1291-301.
Journal code: NG1; 7905262. ISSN: 0161 5890.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199808
ED Entered STN: 19980820
Last Updated on STN: 19980820
Entered Medline: 19980811
TI Variable domain structure of kappaIV human **light chain** Len: high **homology** to the murine **light chain** McPC603.
AB **Antibody** light chains of the kappa subgroup are the predominant light chain component in human immune responses and are used almost exclusively in the **antibody** repertoire of mice. Human kappa light chains comprise four subgroups. To date, all crystallographic studies of human kappa light chains. . . to a murine light chain and can be expected to facilitate detailed structural comparisons necessary for effective humanization of murine **antibodies**.